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**UTILITY PATENT APPLICATION TRANSMITTAL**  
(only for new and continuation-in-part  
nonprovisional applications under 37 CFR  
1.53(b))

Docket No.:  
P-NI 4577

Address to: COMMISSIONER FOR PATENTS  
Box Patent Application  
Washington, D.C. 20231

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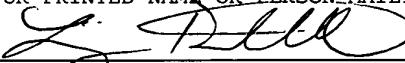
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*L. Jai Puthuvail*

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This is a request for filing a

new utility patent application under 37 CFR 1.53(b) (1).

continuation-in-part under CFR 1.53(b) (2) of prior  
application serial no. \_\_\_\_\_, filed \_\_\_\_\_  
(list entire parentage).

Title: **METHOD FOR FUNCTIONAL MAPPING OF AN ALZHEIMER'S DISEASE  
GENE NETWORK AND FOR IDENTIFYING THERAPEUTIC AGENTS FOR  
THE TREATMENT OF ALZHEIMER'S DISEASE**

Inventor(s) (full name of each inventor): **Ralph J. Greenspan and  
Gerald M. Edelman**

Enclosed are:

- Return receipt postcard
- Patent Application Bibliographic Data Sheet
- 1 Page application cover sheet
- 79 Pages of specification (includes claims and abstract)
- 8 Sheets of drawing(s)
- Pages of an executed Declaration for Patent Application
- An executed Power of Attorney for Patent Application by  
Assignee
- Paper copy of sequence listing, pages 1 through 27
- Sequence listing in computer readable form
- Statement Under 37 CFR 1.821(f)
- An executed assignment and cover sheet

Inventors: Greenspan and Edelman  
Docket No.: P-NI 4577  
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An executed Statement Under 37 CFR 3.73(b)  
 An executed small entity statement  
 Request for Nonpublication and Certification  
 Also enclosed: \_\_\_\_\_

This application is based on prior foreign application(s) No. (s) \_\_\_\_\_, filed in \_\_\_\_\_ on \_\_\_\_\_, respectively, and priority is hereby claimed therefrom.

This application is based on, and claims the benefit of, U.S. Provisional Application No. 60/\_\_\_\_\_, filed \_\_\_\_\_, and entitled \_\_\_\_\_, and which is incorporated herein by reference.

This application is based on, and claims the benefit of, U.S. Provisional Application No. 60/\_\_\_\_\_ (yet to be assigned), filed **January 24, 2000**, which was converted from U.S. Serial No. **09/490,243**, and entitled **METHOD FOR FUNCTIONAL MAPPING OF AN ALZHEIMER'S DISEASE GENE NETWORK AND FOR IDENTIFYING THERAPEUTIC AGENTS FOR THE TREATMENT OF ALZHEIMER'S DISEASE**, and which is incorporated herein by reference.

The filing fee has been calculated as shown below:

	Number Filed		Number Extra		Rate			Fee	
					Small Entity	Other Entity		Small Entity	Other Entity
Total Claims	36 - 20	=	16	x	\$9	\$18	=	\$	\$0
Independent Claims	6 - 3	=	3	x	\$40	\$80	=	\$	\$0
Multiple Dependent Claims Presented: <u>Yes</u> <input checked="" type="checkbox"/> <u>No</u>					\$135	\$270		\$	\$0
					BASIC FEE			\$355	\$710
					TOTAL FEE			\$	\$0

A check in the amount of \$ \_\_\_\_\_ to cover the filing fee is enclosed.

The payment of the filing fee is to be deferred until the Declaration is filed. Do not charge our deposit account.

Inventors: Greenspan and Edelman  
Docket No.: P-NI 4577  
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— The Commissioner is hereby authorized to charge fees under 37 CFR 1.16 and 1.17 which may be required or credit any overpayment to Deposit Account No. \_\_\_\_\_. A duplicate copy of this sheet is enclosed.

Address all future communications to:

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**USPTO CUSTOMER NO. 23601**

Respectfully submitted,

Date: January 23, 2001

*Andrea L. Gashler*

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Document: Patent Application  
Bibliographic Data Sheet  
Attorney Docket No: P-NI 4577

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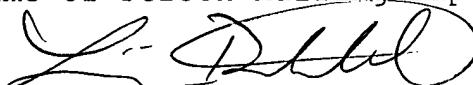
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*L Jan Puthunval*

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Document: Paper Copy of Sequence  
Listing, pages 1-27  
Attorney Docket No: P-NI 4577

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LIJAN PUTHUVARIL

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